

# ROSCon FR&DE 2025

## WORKSHOPS

Workshop Title	Build, Integrate, and Scale Robotic Solutions
Names of principal instructors	Florian Gramß / Manuel Kreutz (Siemens AG)
Number of supplementary instructors	0
Maximum of participants	10
Language	English
Workshop duration	4h
Required material	No material required
Skills required for participants	Intermediate

Brief description

This technical workshop delivers hands-on expertise in developing sophisticated robotic solutions for industrial applications through three detailed modules focusing on advanced robotic manipulation using the ROS 2 library

ManyMove (based on BehaviorTree),

integrating operating technology assets into ROS 2 systems with industry proven Programmable Logic Controllers (PLC), and the difficulties to bring the complete setup to the shopfloor including scalability.

Participants will acquire practical knowledge and technical competencies essential for developing adaptable ROS 2 automation solutions in industrial environments by using our hardware setups.